

Road Lantern

Day/Night Switching: Available via 3 and 7 Pin Nema socket (cell not included)

Sustainable: Tool-less change of electronic and LED modules

Reliable: Lifetime of the LED driver and LED modules at 100.000 h

Easy installation: Orientation possibilities steplessly adjustable between -10° and +115°

Future proof: Optimised design specially conceived for use with most modern technology

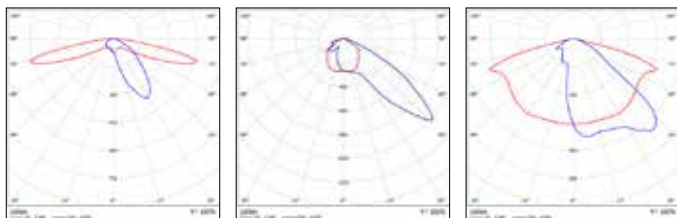
Application areas:

- Roads in residential areas
- Main roads
- Secondary roads
- Cycle Paths
- Parking areas/walkways



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Example of luminous intensity distribution: wide | forward | diagonally wide



LIGHT HOUSING		
Material	Aluminium die casting	
Colour (powder coating)	DB 703	
Mounting type	42, 60 or 76 mm Post top or side mounting	
Orientation possibilities (in 5°-steps)	-100° to +25° (Side mounting) bzw. -10° to +115° (Post top)	
Dimension (length x width x height)	515 x 306 x 94 mm	
Weight	app. 7 kg	
Exposed wind surface	0,04 m ²	
IP Protection class	IP 66	
Glass type	ESG	
Shock resistance	IK 08	
ILLUMINANT PROPERTIES		
Light source	LED-Modules with High-Power-LED	LED-Modules with Mid-Power-LED (Silicone Module)
Optical system	wide forward diagonally wide distribution	
Rated luminous flux	1.000 - 8.000 lm (500 lm steps) at 3.000 4.000K	1.000 - 6.500 lm (500 lm steps) at 3.000 K 1.000 - 8.000 lm (500 lm steps) at 4.000 5.000K
Light efficiency	up to 143 lm/W	
Colour temperature	3.000 K 4.000 K	3.000 K 4.000 K 5.000 K
Colour rendering index (Ra)	> 70	> 85
Dimming (power control)	Optional control phase, dimming profiles or DALI	
Interface for light management	NEMA or Zhaga book 18 socket (ZHAGA socket optional on the top and bottom)	
Rated lifetime at (ta) 30°C	100.000 h at L80/B10	
Temperature management	✓	
Constant Light Output (CLO)	Optional	
ELECTRICAL PROPERTIES		
Rated power	7,3 - 69 W	7,5 - 67 W
Electrical protection class	SK I SK II	
Rated voltage / Frequency	220 - 240 V 50 - 60Hz	
Surge protection (L-N / L/N-ground)	10 kV	
INSTALLATION REQUIREMENTS		
Application areas	Roads in residential areas, main roads, parking areas walkways, parking areas, bikeways, secondary roads, pedestrian crossing	
Light point height	3,5 - 10 m	
Lighting classes	M P	
Admitted ambient temperature (ta)	-30 C° to +40 C°	
OTHER PROPERTIES		
Certification	ENEC, CE	

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